

IN THE ABSTRACT

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### ABSTRACT

A turbomachine blade includes a metal alloy airfoil having a cavity closed off by a cover on a hollowed side, the cover providing aerodynamic continuity of the hollowed side and being bonded via an edge thereof to the rest of the airfoil by a weld bead. The weld bead emerges on the hollowed side and penetrates into the airfoil to a depth  $P$  at least equal to the thickness  $EC$  of the edge of the cover so as to provide continuity of material between the edge of the cover and the rest of the airfoil over a depth at least equal to the thickness  $EC$  of the edge of the cover. A process for manufacturing such a blade is also disclosed.